



Washington  
Department of  
**FISH and  
WILDLIFE**

## **Employment Opportunity**

### **Fish and Wildlife Research Scientist 1**

**Salary: \$3908 - \$5003**

**Range: 58**

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**Bulletin # 583**

**Opens: October 25, 2006**

**Closes: EXTENDED UNTIL FILLED**

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**Location:** There is one opening in the Fish Program, Science Division, Conservation Biology  
Duty station is the Natural Resource Building, Olympia

**Duties:** This position actively participate as a WDFW team representative to the Pacific Salmon Treaty (PST) Chinook Technical Team (CTC) by conducting quantitative analyses including exploitation rate analysis and CTC Chinook model calibration. Develop models, propose, and conduct research that improves information used to determine Chinook harvest rates within the PST treaty area. Duties include:

- Develop statistical approaches for analyzing time series data to assess the status of Washington salmonid stocks
- Develop population viability analyses,
- Develop terminal runsize forecast models,
- Develop research projects to fund expanded work in areas listed above,
- Write manuscripts for peer-reviewed journals.

**Competencies:**

We are seeking candidates with strong quantitative backgrounds in fisheries science, ecological modeling, and fisheries management; are competent in common statistical methods and data management; and have experience programming. Experience with Northwestern salmonid fishes (genera *Oncorhynchus* and *Salvelinus*) is desirable.

**Required Qualifications:** 1) M.S. degree in fisheries science, biometry, ecological modeling; or in mathematics or statistics with emphasis on animal population biology; or closely allied field; AND 2) Two years of professional experience designing and conducting fish-related research studies along with two articles published or in press in refereed literature, (one article must be as senior author, the second article must be as senior or secondary author.) Strong oral and written communication skills are necessary.

**Special Note:** This position is covered by a collective bargaining agreement between the State of Washington, Department of Fish and Wildlife, and the Washington Public Employees Association (WPEA), which contains a "union security" provision. This means that, as a condition of employment you must either join the union and pay union dues, or pay the union a representational or other fee within 30 days of the date you are put into pay status.

- Copies of college transcripts may be required upon a scheduled interview.

**Preferred Qualifications:** M.S. degree in above mentioned fields AND five years experience (may include time in college programs) designing and conducting quantitative fisheries science and modeling AND two articles as lead author published or in press in refereed literature; OR a Ph.D. in one of the above fields of study AND 3 years experience (may include time in college programs) conducting quantitative fisheries science and modeling AND two articles as lead author published or in press in refereed literature. Computer programming experience is highly desirable.

**To apply:** If you are interested in this opportunity, please submit a state application and cover letter describing how you meet the qualifications and competencies to:

**Joe Vidales** ([vidaljv@dfw.wa.gov](mailto:vidaljv@dfw.wa.gov))  
Human Resource Office  
Department of Fish and Wildlife  
600 Capitol Way North, Olympia, WA 98501  
Fax (360) 902-2392

Web site for state application is:  
<http://www.dop.wa.gov/Resources/Forms/>

**All materials must be received in the Personnel Office by 5:00 pm on November 8, 2006**

The Department of Fish and Wildlife provides equal employment opportunities and is committed to a diverse workforce. Applicants needing assistance and or alternative formats of this announcement may call (360) 902-2276 (TDD: (360) 902-2207).